



March 8, 2019

Sent via Electronic Mail

Director, Emergency and Remedial Response Division
Attn: Chief, New Jersey Remediation Branch, Pohatcong Site
United States Environmental Protection Agency Region 2
290 Broadway, 19th Floor
New York, New York 10007

New Jersey Superfund Branch
Office of Regional Counsel
United States Environmental Protection Agency Region 2
290 Broadway, 17th Floor
New York, New York 10007
Attention: Attorney for Pohatcong Site

New Jersey Department of Environmental Protection
ATTN.: Fred Mumford
380 Scotch Road
West Trenton, New Jersey 08628
(via *electronic mail only*)

**Re: Monthly Progress Report No. 48
Reporting Period February 1, 2019 to February 28, 2019
2014 Vapor Intrusion Removal Action at the Washington Facility
Pohatcong Valley Groundwater Contamination Superfund Site
Warren County, New Jersey**

Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)¹, Ramboll US Corporation (Ramboll) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2014 Vapor Intrusion Removal Action at the Washington Facility (2014 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and

¹ In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 14-cv-05798) effective March 11, 2015.

activities undertaken pursuant to the CD and related to the 2014 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

Actions Taken toward Compliance with Consent Decree, including Community Relations

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 7 inches Hg with an average inlet flow rate of approximately 440 cubic feet per minute (CFM).
- During this period the 500 CFM SVE system operated 100% of the time (i.e., a total of 672 hours over 28 days) and the east wall SSDS operated 100% of the time.
- The Monthly Progress Report No. 47 for the VI Removal Action at the Washington facility reporting January 2019 activities was submitted to the USEPA in a letter dated February 8, 2019.
- Ramboll collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on February 21, 2019. These measurements and the SVE blower runtime for the February 2019 reporting period are included in the summary table in Attachment 1. The locations of the SSDS wells and vapor monitoring points are provided in Attachment 2.

Routine OM&M Events:

The following routine OM&M events were conducted during this reporting period:

- None during this period.

Problems Encountered, Actions Taken and Their Resolutions

The following problems were encountered during this reporting period:

- None during this period.

Analytical Results and Data Received During the Reporting Period

The following analytical data were received during this reporting period:

- None during this period.

Anticipated Plans, Actions and Data Scheduled (during the Next 8 weeks)

The following activities are planned for the next eight weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in March 2019.

Delays Encountered or Anticipated, and Efforts Taken to Mitigate

The following delays were encountered during this reporting period:

- None during this period.

Closing

If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,

Luis Hidalgo

Luis Hidalgo
Project Coordinator

Attachments:

- (1) SVE/SSDS Measurements, February 21, 2019
- (2) Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

cc:

Via Electronic Mail

Michelle Granger – USEPA, Region 2
Dave Cline – Rio Tinto
Jeff Armington – Rio Tinto
Bruce White – Barnes & Thornburg LLP
Bruce Kennington – Ramboll

ATTACHMENT 1

SVE/SSDS Measurements

February 21, 2019

SVE/SSDS Measurements, February 21, 2019
Vapor Intrusion Response Activities
Alb a Americas, Washington Facility
191 Route 31 North, Washington, Warren County, New Jersey

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
¹ CDM-SS-01	--	--
CDM-SS-02N	0.207	-0.180
CDM-SS-02S	0.701	-0.028
¹ CDM-SS-03	--	--
CDM-SS-04	1.400	-0.002
CDM-SS-05	0.320	-0.015
CDM-SS-06	0.240	-0.020
¹ CDM-SS-07	--	--
CDM-SS-08	3.311	-2.077
¹ CDM-SS-09	--	--
CDM-SS-10	1.075	-0.065
EPA-SS-11	0.443	-0.281
EPA-SS-12	2.786	-0.172
¹ EPA-SS-13	--	--
EPA-SS-14	0.957	-0.015
EPA-SS-15	0.588	-0.071
EPA-SS-16	1.470	-0.040
EPA-SS-17	3.607	-0.022
EPA-SS-18	1.162	-0.024
EPA-SS-19	1.050	-0.015
EPA-SS-20	1.567	-0.017
EPA-SS-21	3.424	-1.101
EPA-SS-22	4.607	-1.050
¹ EPA-SS-23	--	--
EPA-SS-24	1.421	-0.014
EPA-SS-25	0.130	-0.061
¹ EPA-SS-26	---	---
¹ EPA-SS-27	---	---
¹ EPA-SS-28	---	---
EPA-SS-29	1.195	-0.004
EPA-SS-30	2.120	-1.306
EPA-SS-31	1.529	-0.088
EPA-SS-32	1.277	-0.237
VP-2	5.110	-2.098
VP-3	1.603	-0.190
¹ VP-7	---	---
VP-10	1.612	-0.119
VP-11	1.370	-0.002
¹ VP-12	---	---
¹ VP-13	---	---
¹ VP-14	---	---
¹ VP-15	---	---
¹ VP-16	---	---

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	3.100	-38.000
SSDS-02	2.970	-38.000
SSDS-03	3.210	-11.000
SSDS-04	5.207	-39.000
SSDS-05	1.952	-4.000
² SSDS-06	---	---
² SSDS-07	---	---
² SSDS-08	---	---
² SSDS-09	---	---
² SSDS-10	---	---
SVE-1	3.442	-68.000
SVE-2	2.334	-68.000
SVE-3	2.089	-79.000
SVE-4	4.227	-69.000
SVE-5	0.715	-72.000
SVE-6	1.025	-76.000
SVE-7	9.515	-76.000
¹ SVE-8	--	--
SVE-9	4.081	-70.000
SVE-10	4.157	-74.000
SVE-11	3.925	-70.000
SVE-12	7.957	-71.000
SVE-13P	8.048	-47.000
SVE-14P	6.737	-67.000
SVE-15P	7.924	-25.000
SVE-16P	5.889	-31.000

Vapor Phase GAC Measurements	
Location	PID (ppm)
VGAC1 IN	4.000
VGAC1 OUT	0.950
VGAC2 OUT	0.300

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	39,194
Hour Meter at end of Current Period (2/28/2019) (Hours)	39,866
Total SVE Blower Runtime for Reporting Period (Hours)	672

Notes:

- 1 Vapor monitoring point not accessible; no measurement collected.
- 2 Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational at the time of measurement.

ATTACHMENT 2

Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

TPENNSI 10/13/15 [SMPL_VAC&PID_0211697_J F:0211697_FINAL VI REPORT

